

Fig.1

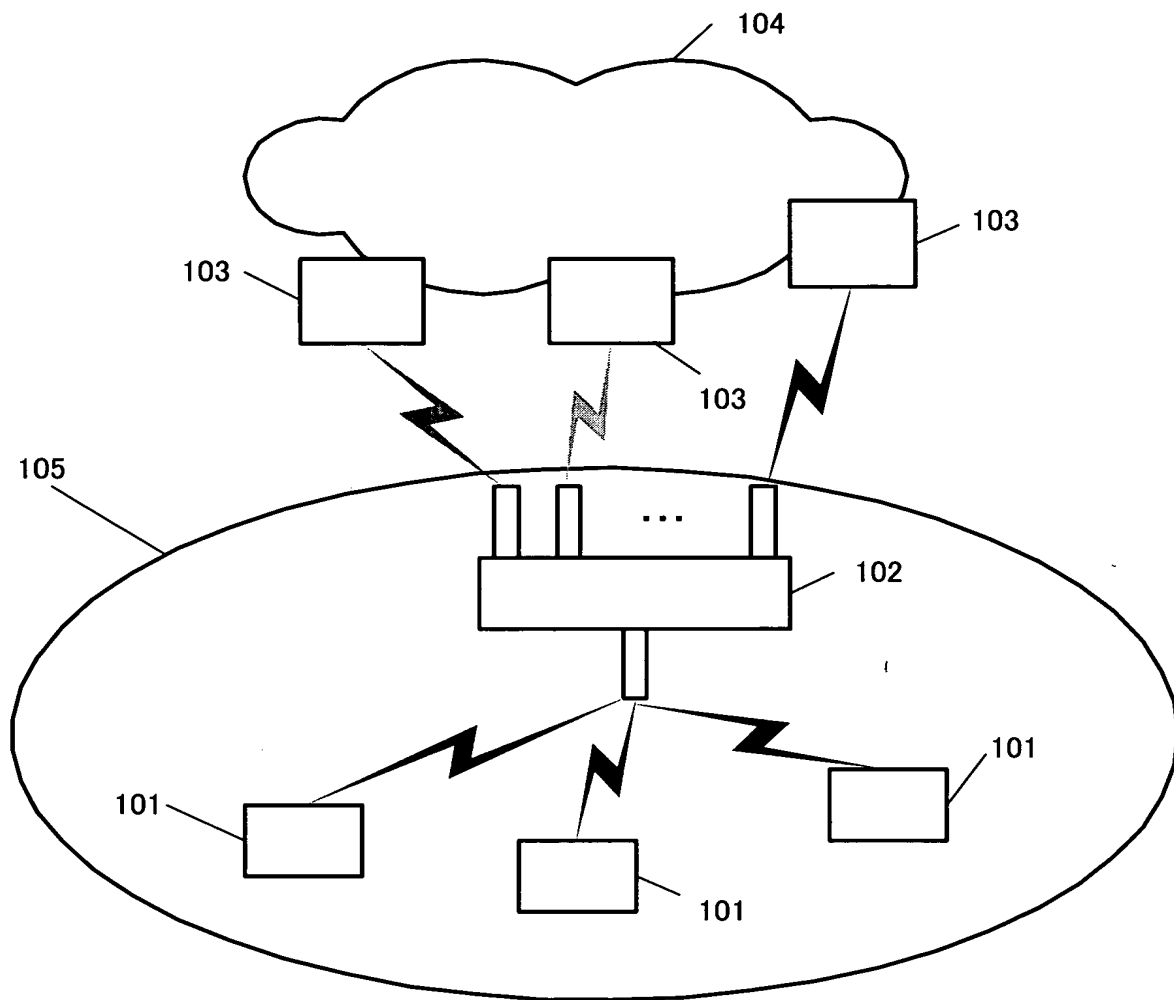


Fig.2

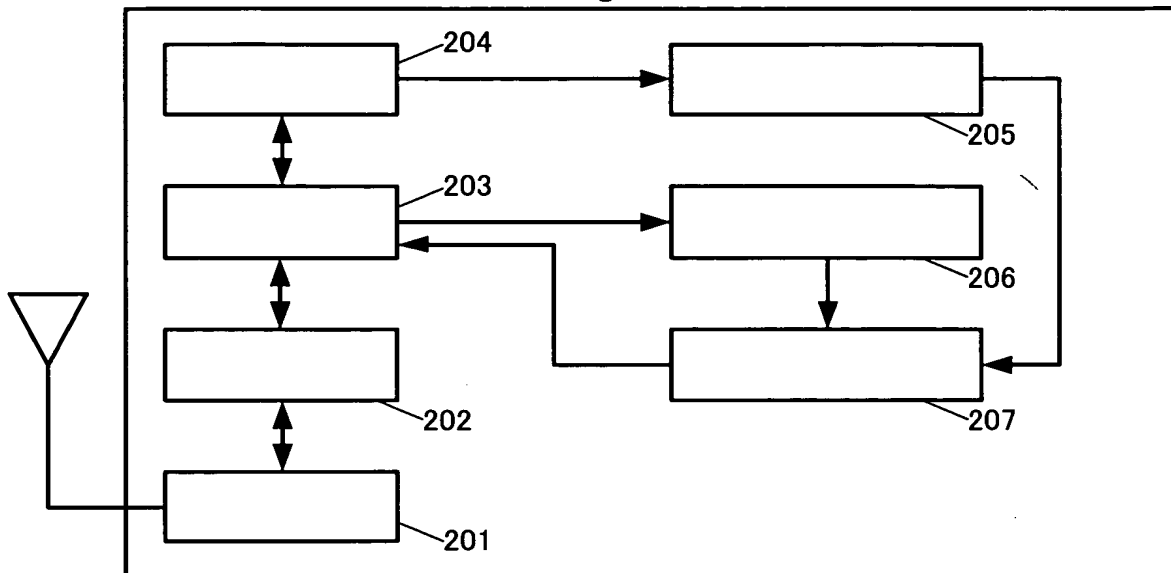


Fig.3

301 FLAG	302 SERVICE	303 SPEED	304 VOICE	305 MOVING IMAGE	306 AREA	307 PRIVACY	308 PRICE
VALID	VOICE COMMUNICATION	B	AA	B	AA	AA	A
VALID	INTERNET	AA	B	B	A	B	AA
VALID	MOVING-IMAGE COMMUNICATION	AA	B	AA	A	AA	A

Fig.4

	301 FLAG	302 SERVICE	303 SPEED	304 VOICE	305 MOVING IMAGE	306 AREA	307 PRIVACY	308 PRICE
	INVALID	VOICE COMMUNICATION	B	AA	B	AA	AA	A
401	VALID	INTERNET	AA	B	B	A	B	AA
402	VALID	MOVING-IMAGE COMMUNICATION	AA	B	AA	A	AA	A

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Fig.5

501 COMMUNICATION DEVICE IDENTIFIER	502 INTERFACE TYPE (1)	503 INTERFACE TYPE (2)	504 INTERFACE TYPE (3)
3ffe:501::100:204:b1ff:fe98:3e9	IEEE802.11a	W-CDMA	PDC

Fig.6

601 TYPE	602 SPEED	603 VOICE	604 MOVING IMAGE	605 AREA	606 PRIVACY	607 PRICE
CDMA2000	2	5	3	3	5	2
W-CDMA	3	5	4	2	5	1
IEEE802.11a	5	3	2	2	3	5
IEEE802.11b	4	1	1	2	3	5
IEEE802.11e	5	4	5	1	3	5
PHS	2	5	2	3	5	3
PDC	1	5	1	5	5	3

Fig.7

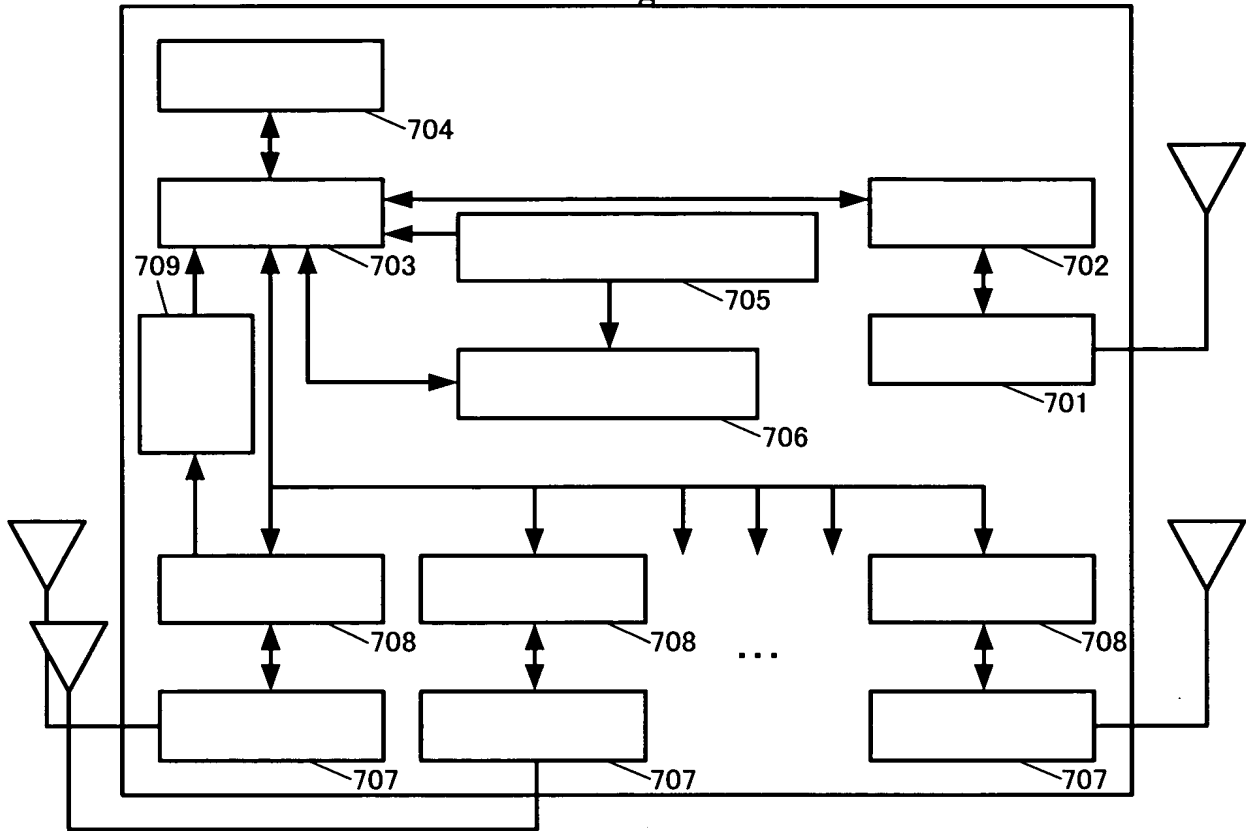


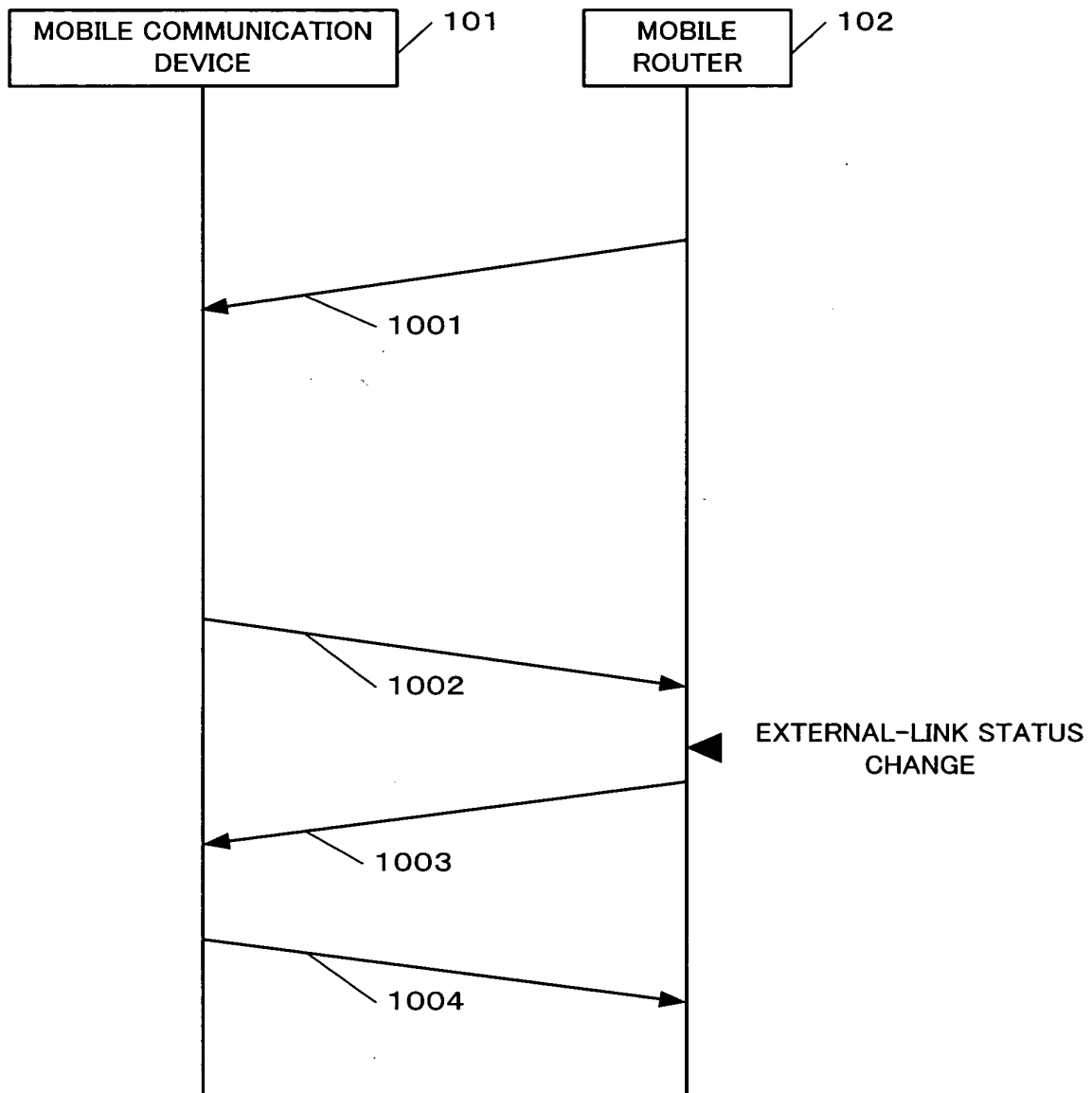
Fig.8

801 INTERFACE POSSESSED	802 INTERFACE ID	803 LINK STATUS
IEEE802.11a	3ffe:501:27:2210:33b7:25ff:fe44:3e77	CONNECTED
W-CDMA	3ffe:501:27:22:ddb5:acff:fe25:3382	CONNECTED
PDC	3ffe:501:27:dbel:290:31ff:fe88:6621	CONNECTED

Fig.9

901 MOBILE COMMUNICATION DEVICE IDENTIFIER	902 INTERFACE TYPE
3ffe:501::100:3226:bdf:fe20:667d	W-CDMA

Fig.10



The diagram illustrates a system architecture. On the left, a vertical line with a funnel-shaped input at the top connects to a stack of four rectangular blocks labeled 201, 202, 203, and 204 from bottom to top. These blocks are interconnected by vertical double-headed arrows. Block 201 is connected to an external input line. Block 204 is connected to block 205. Block 205 is connected to block 206. Block 206 is connected to block 111. Block 111 is connected back to block 203. Block 203 is also connected to block 206.

The diagram illustrates a multi-channel system 700. At the top, a central control unit 704 is connected via bidirectional arrows to a central processing unit 705. The processing unit 705 is connected to a central antenna 702. Below the control unit, there are multiple channels. Each channel includes a receiver 707 and a transmitter 708. The receivers 707 are connected to the control unit 704. The transmitters 708 are connected to the processing unit 705. A central antenna 702 is connected to the transmitters 708. The system is connected to a network 703 via a central interface 709. The diagram shows three channels, with an ellipsis indicating additional channels.

Fig.13

MOBILE COMMUNICATION DEVICE	INTERFACE TYPE
3ffe:501::100:3226:bdff:fe20:667d	W-CDMA
	IEEE802.11a

Fig.14

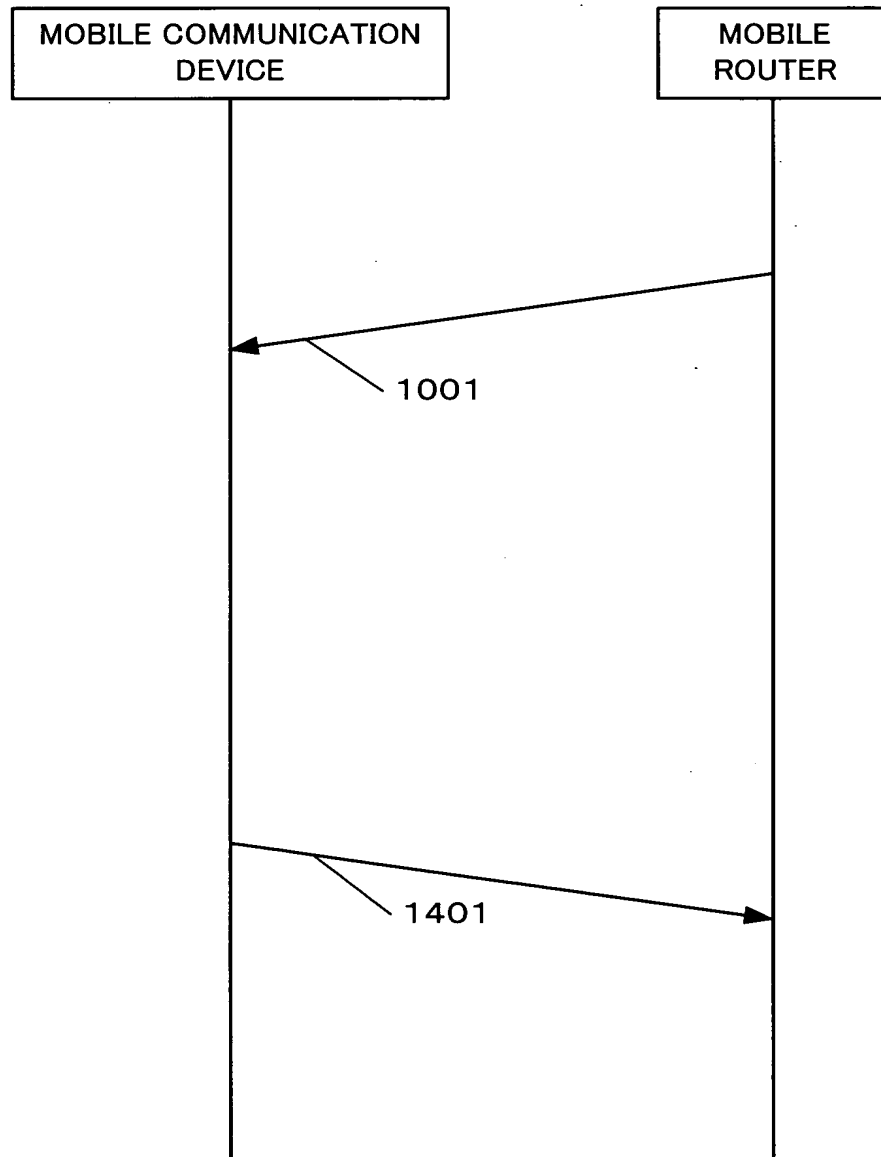


Fig.15

MOBILE COMMUNICATION DEVICE IDENTIFIER	INTERFACE TYPE	PRIORITY
3ffe:501::100:3226:bdf:fe20:667d	W-CDMA	1
	IEEE802.11a	2

Fig.16

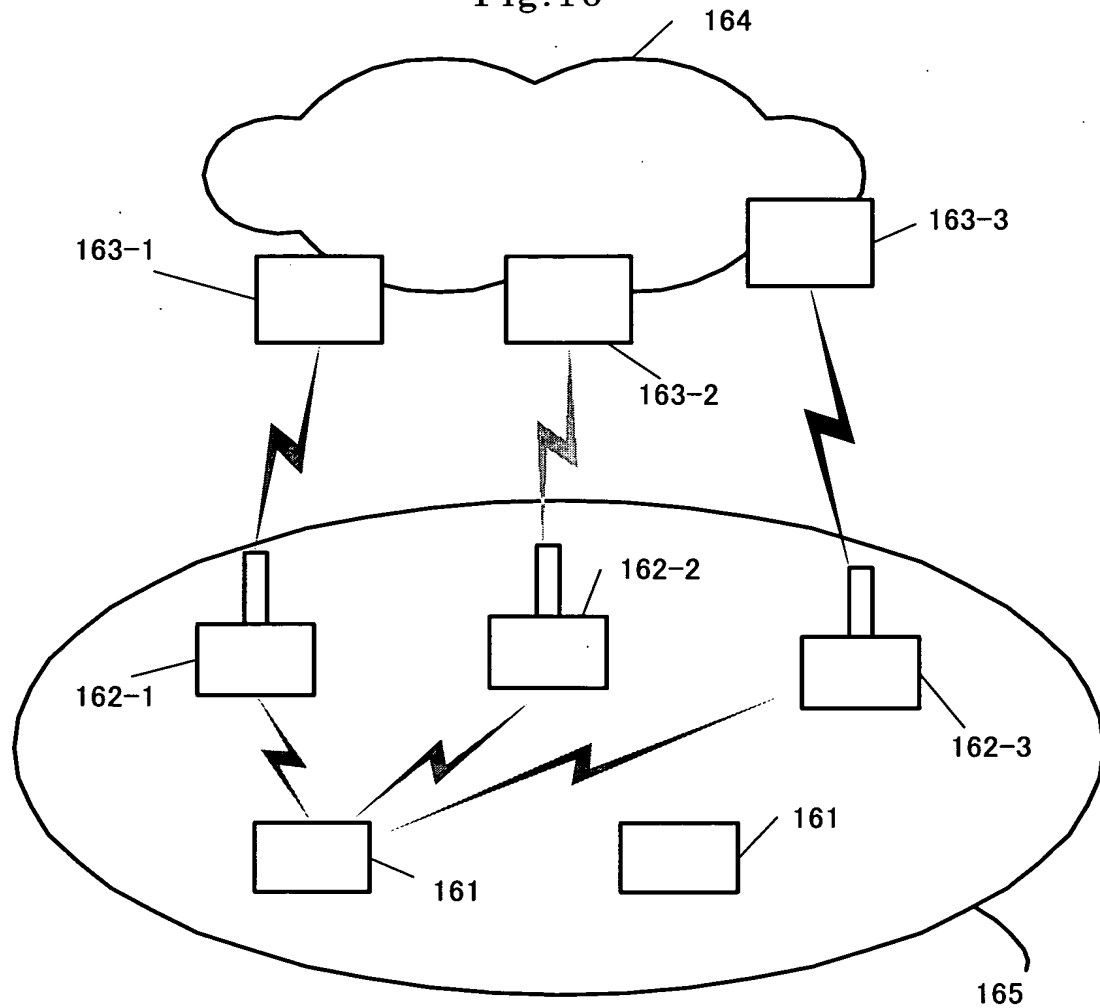


Fig.17

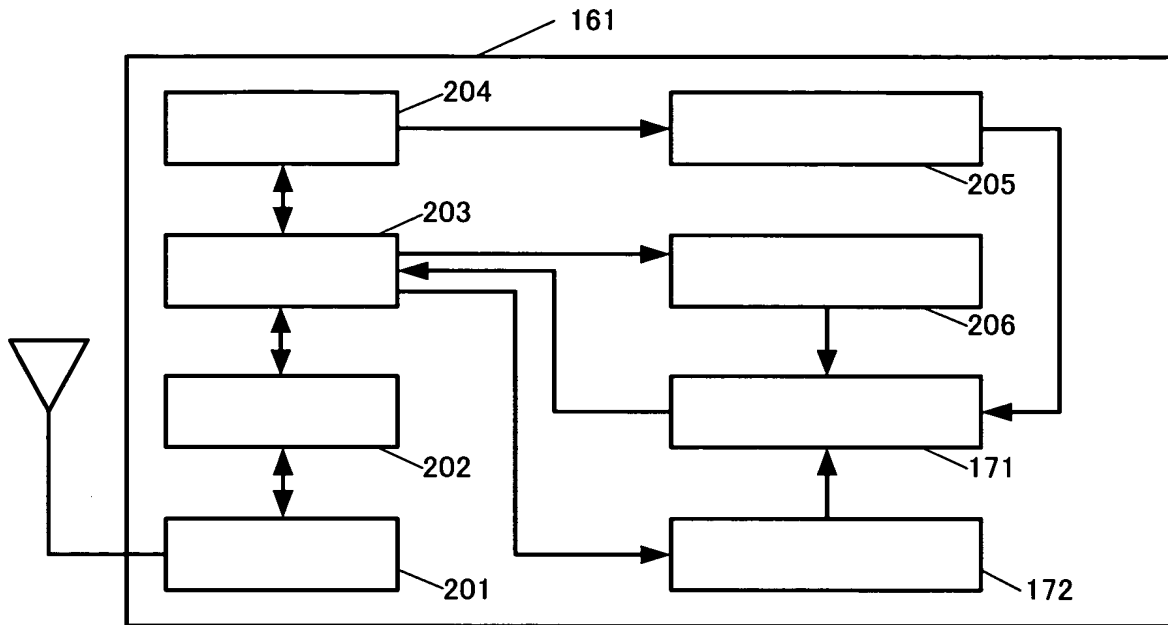


Fig.18

1801 MOBILE ROUTER IDENTIFIER	1802 INTERFACE TYPE	1803 LINK STATUS	1804 PRIORITY
3ffe:501::100:204:b1ff:fe98:3e9	IEEE802.11a	CONNECTED	2
3ffe:501:221:10:312:26ff:fe14:2805	W-CDMA	CONNECTED	1
3ffe:501:5:187:104:eeff:fe31:7729	PDC	CONNECTED	3

Fig.19

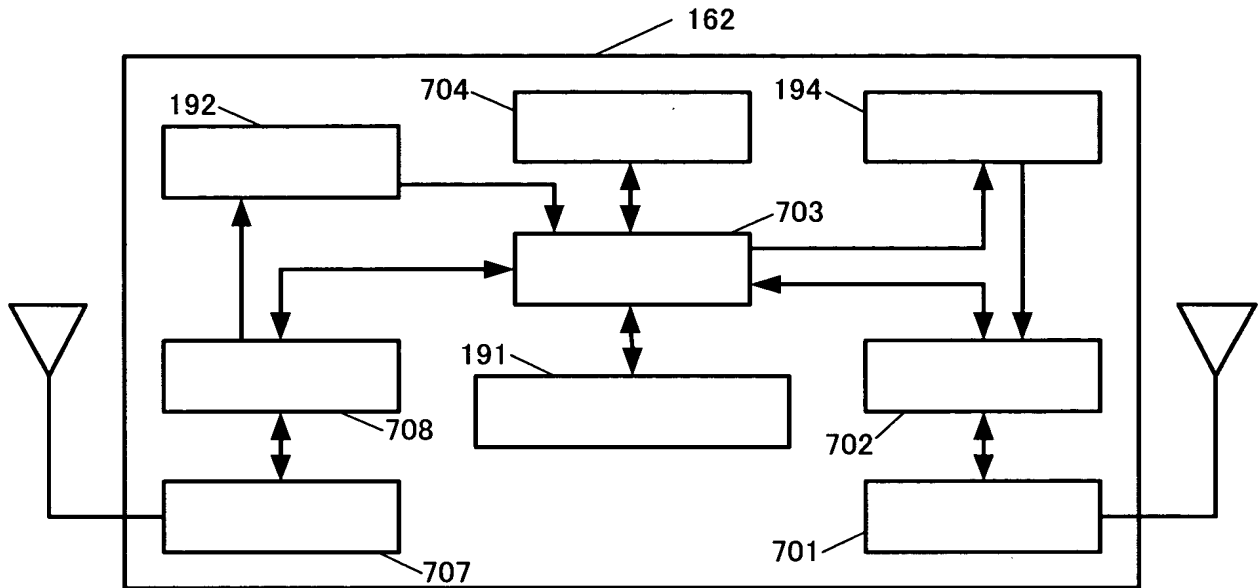


Fig.20

2001 MOBILE COMMUNICATION DEVICE IDENTIFIER	2002 MOBILE ROUTER IDENTIFIER	2003 INTERFACE TYPE	2004 LINK STATUS	2005 PRIORITY
3ffe:501::100:3226:bdf:fe20: 667d	3ffe:501::100:204:b1ff: fe98:3e9	W-CDMA	CONNECTED	1
	3ffe:501:221:10:312:26ff: :fe14:2805	IEEE802.11a	CONNECTED	2

Fig.21

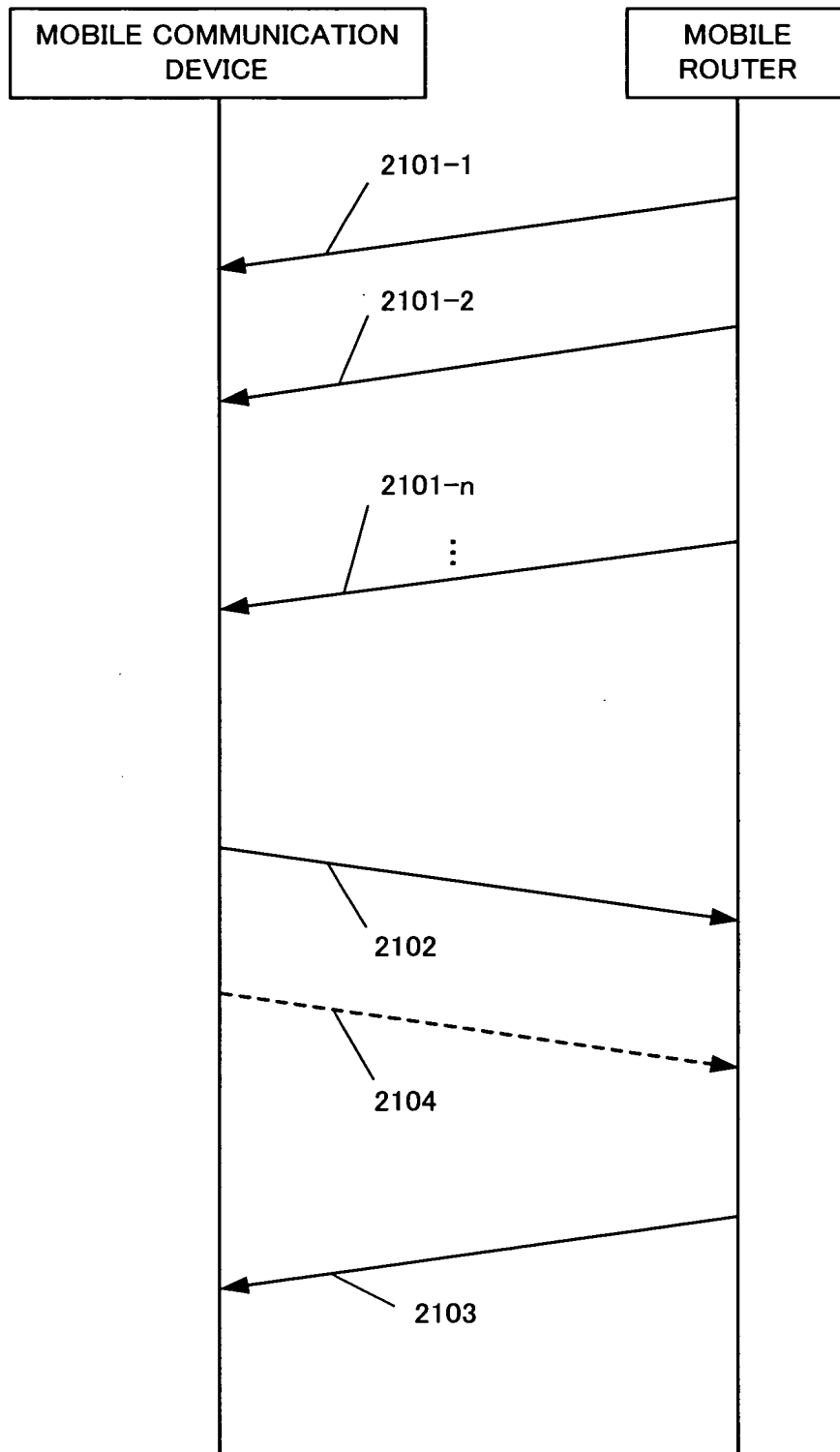


Fig.22A

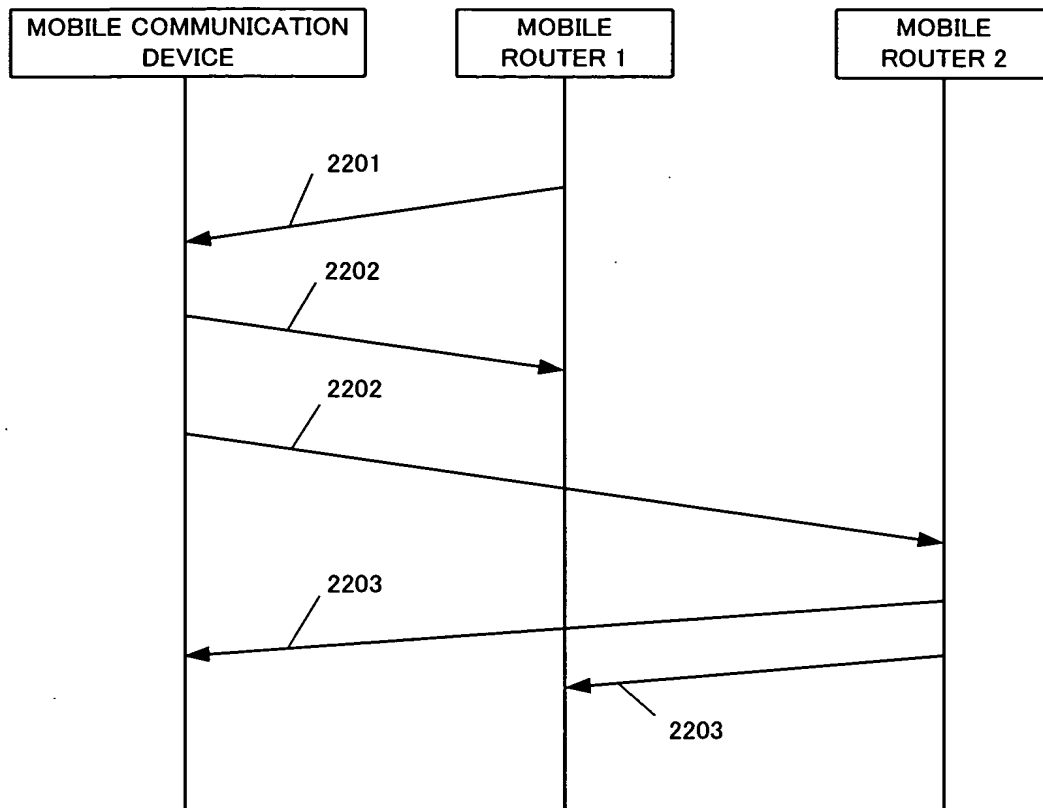


Fig.22B

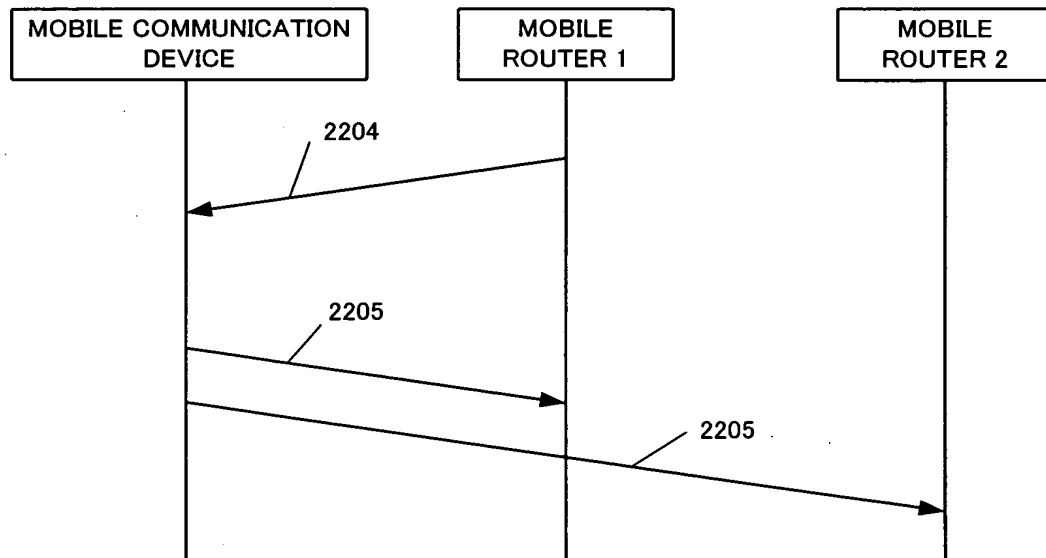


Fig.23

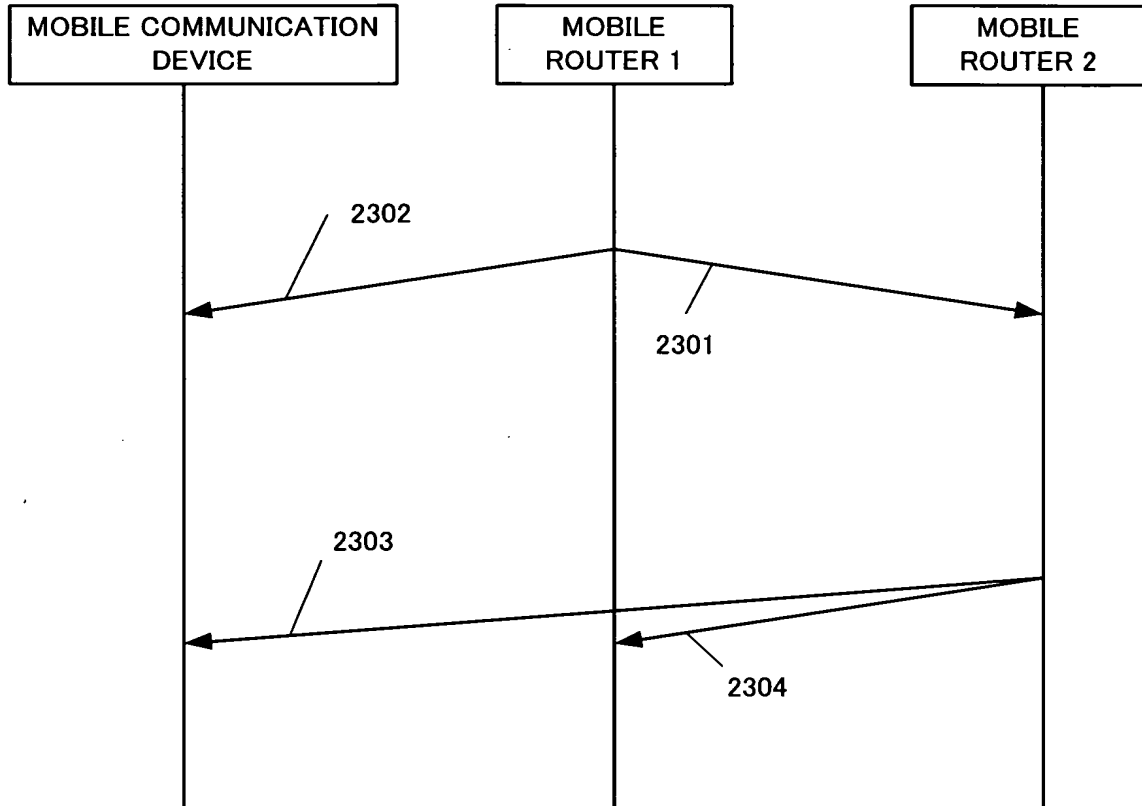


FIG.24

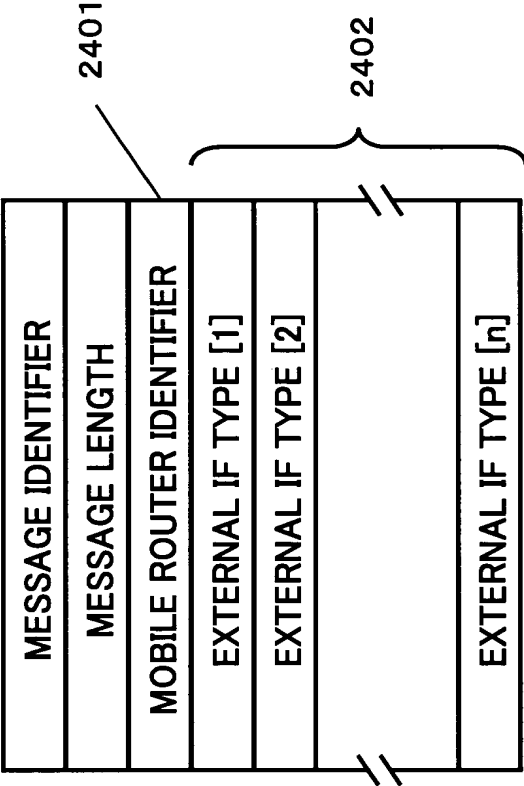


FIG.25A

MESSAGE IDENTIFIER
MESSAGE LENGTH
MOBILE COMMUNICATION DEVICE IDENTIFIER
EXTERNAL INTERFACE TYPE

2501

2502

FIG.25B

MESSAGE IDENTIFIER
MESSAGE LENGTH
MOBILE COMMUNICATION DEVICE IDENTIFIER
EXTERNAL INTERFACE CANDIDATE [1]
EXTERNAL INTERFACE CANDIDATE [2]
EXTERNAL INTERFACE CANDIDATE [n]

2501

2503

FIG.25C

MESSAGE IDENTIFIER
MESSAGE LENGTH
MOBILE COMMUNICATION DEVICE IDENTIFIER
EXTERNAL INTERFACE CANDIDATE [1]
PRIORITY [1]
EXTERNAL INTERFACE CANDIDATE [2]
PRIORITY [2]
EXTERNAL INTERFACE CANDIDATE [n]
PRIORITY [n]

2501

2504

2505

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FIG.26A

MESSAGE IDENTIFIER	2601
MESSAGE LENGTH	
MOBILE ROUTER IDENTIFIER	2602
EXTERNAL INTERFACE TYPE	

FIG.26B

MESSAGE IDENTIFIER	2601
MESSAGE LENGTH	
MOBILE ROUTER IDENTIFIER	2603
MOBILE COMMUNICATION DEVICE IDENTIFIER	2602
EXTERNAL INTERFACE TYPE	

Fig.27

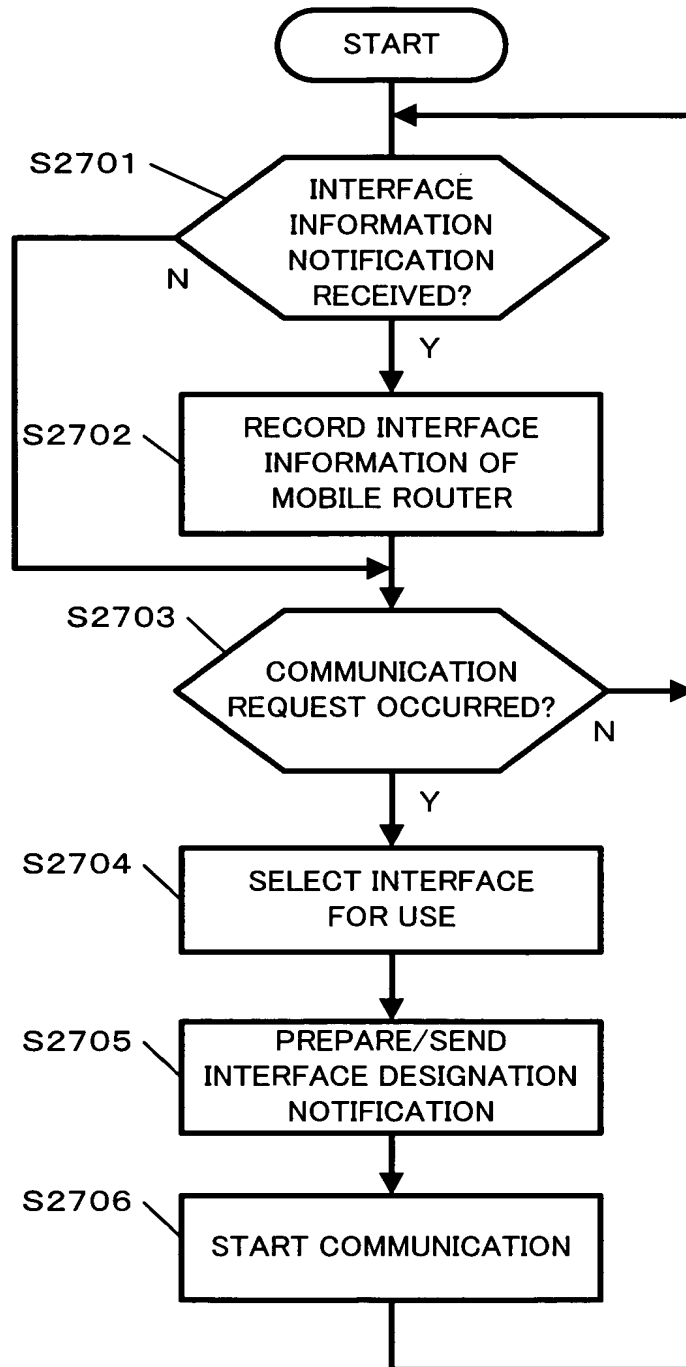


Fig.28

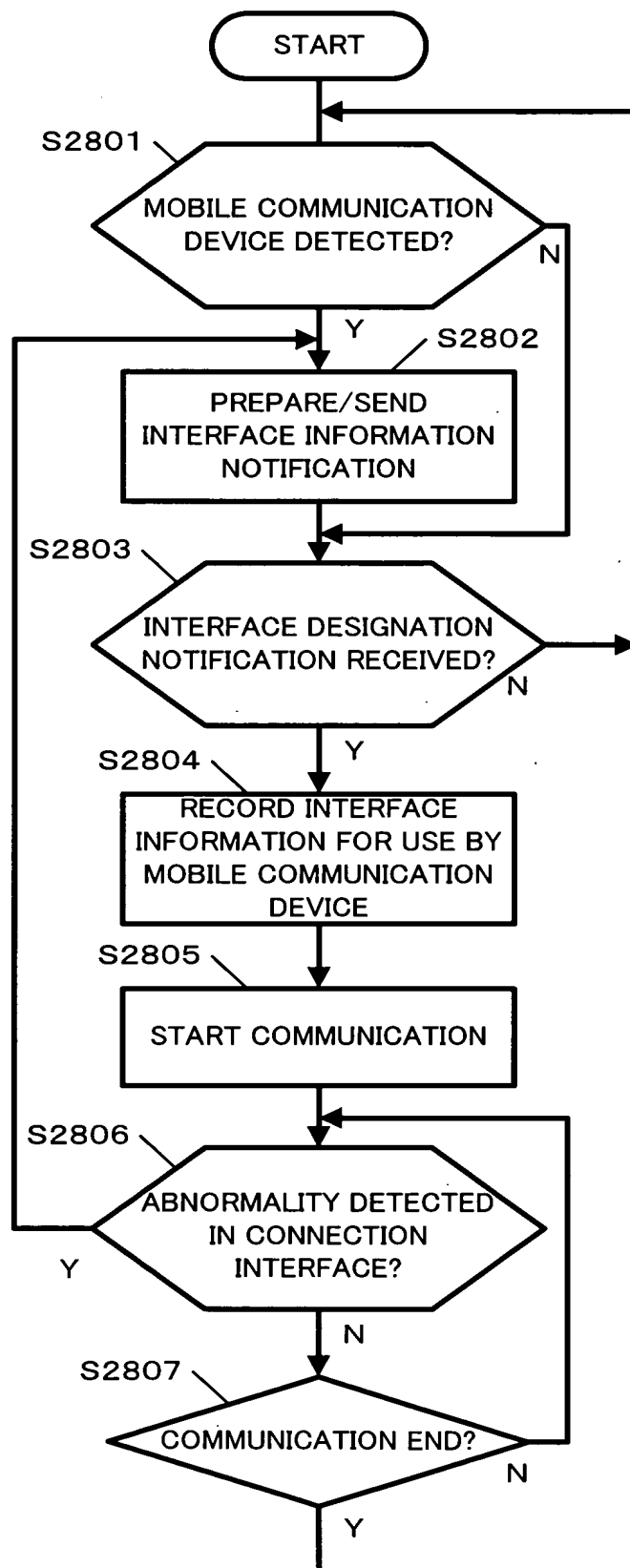


Fig.29

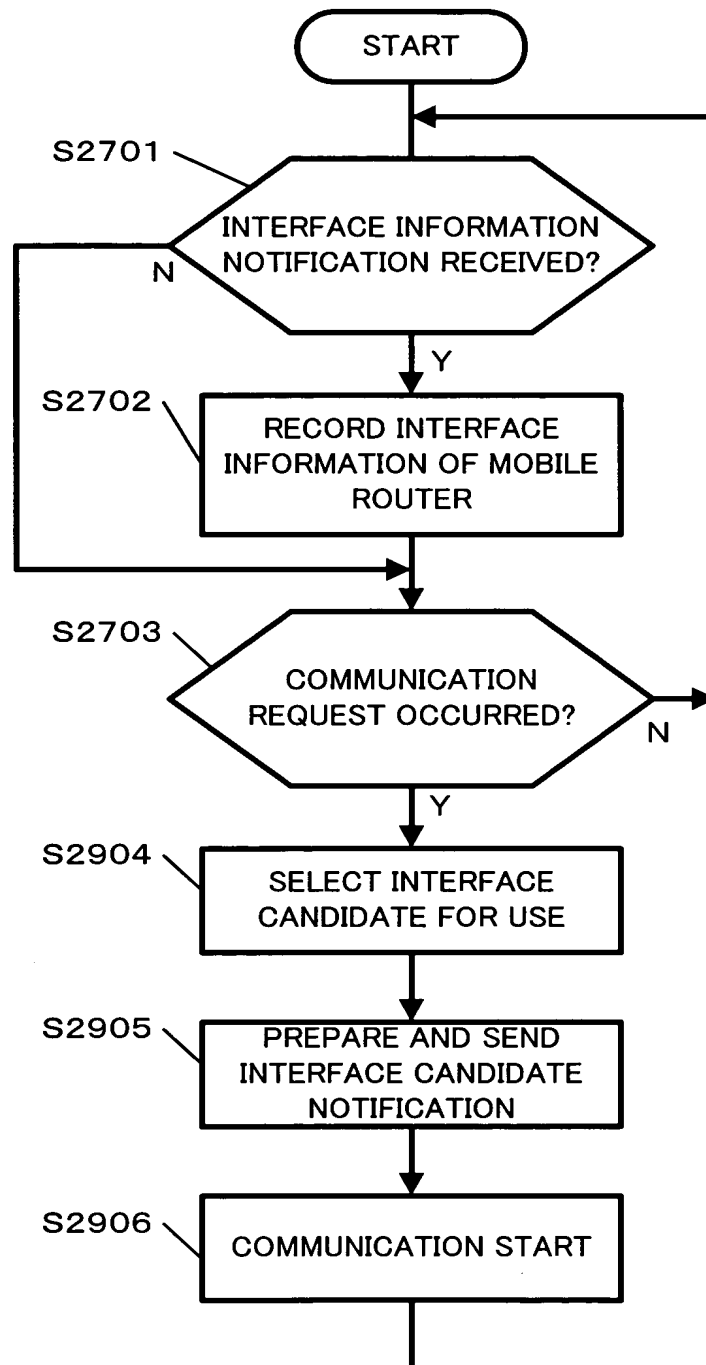


Fig.30

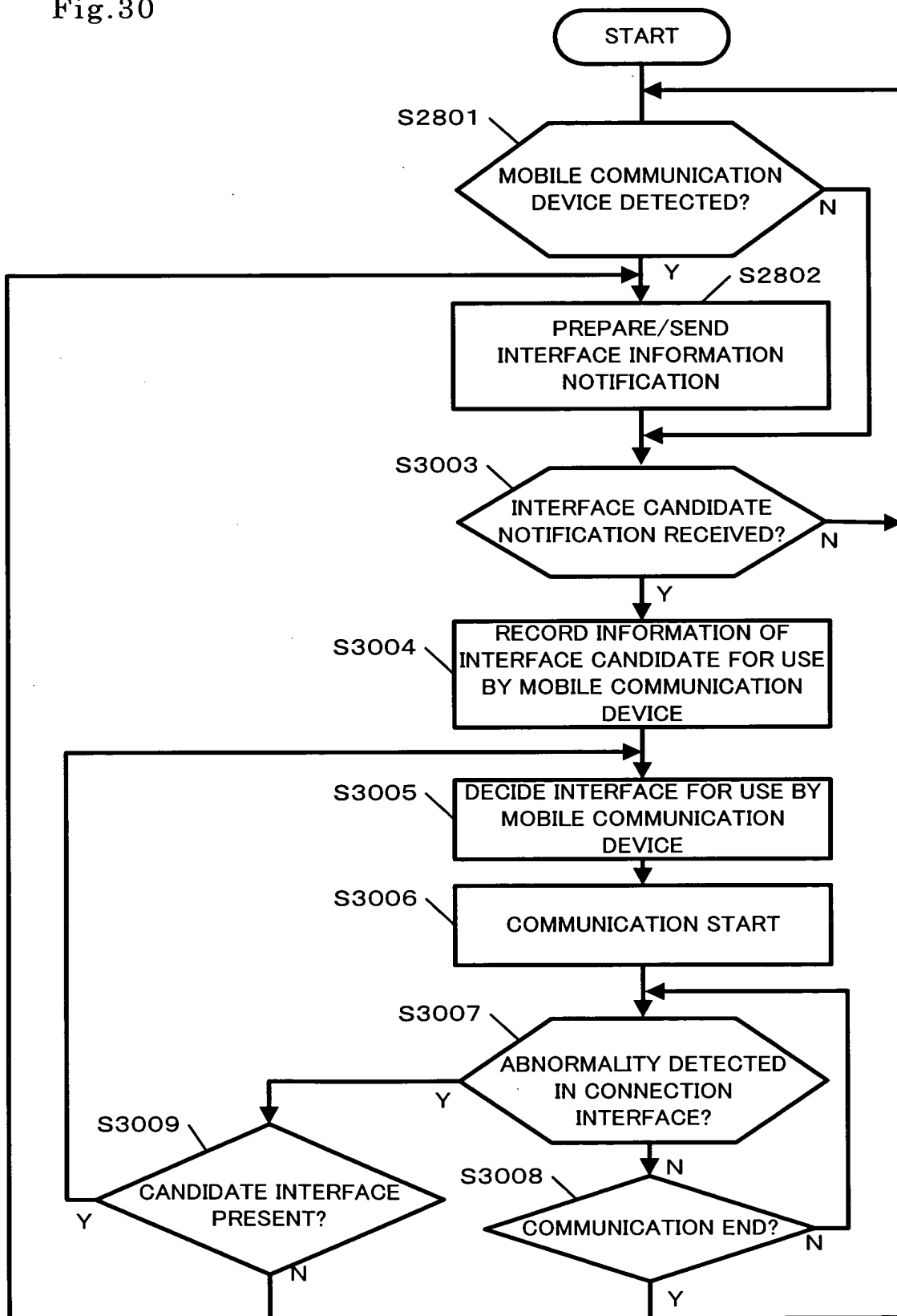


Fig.31

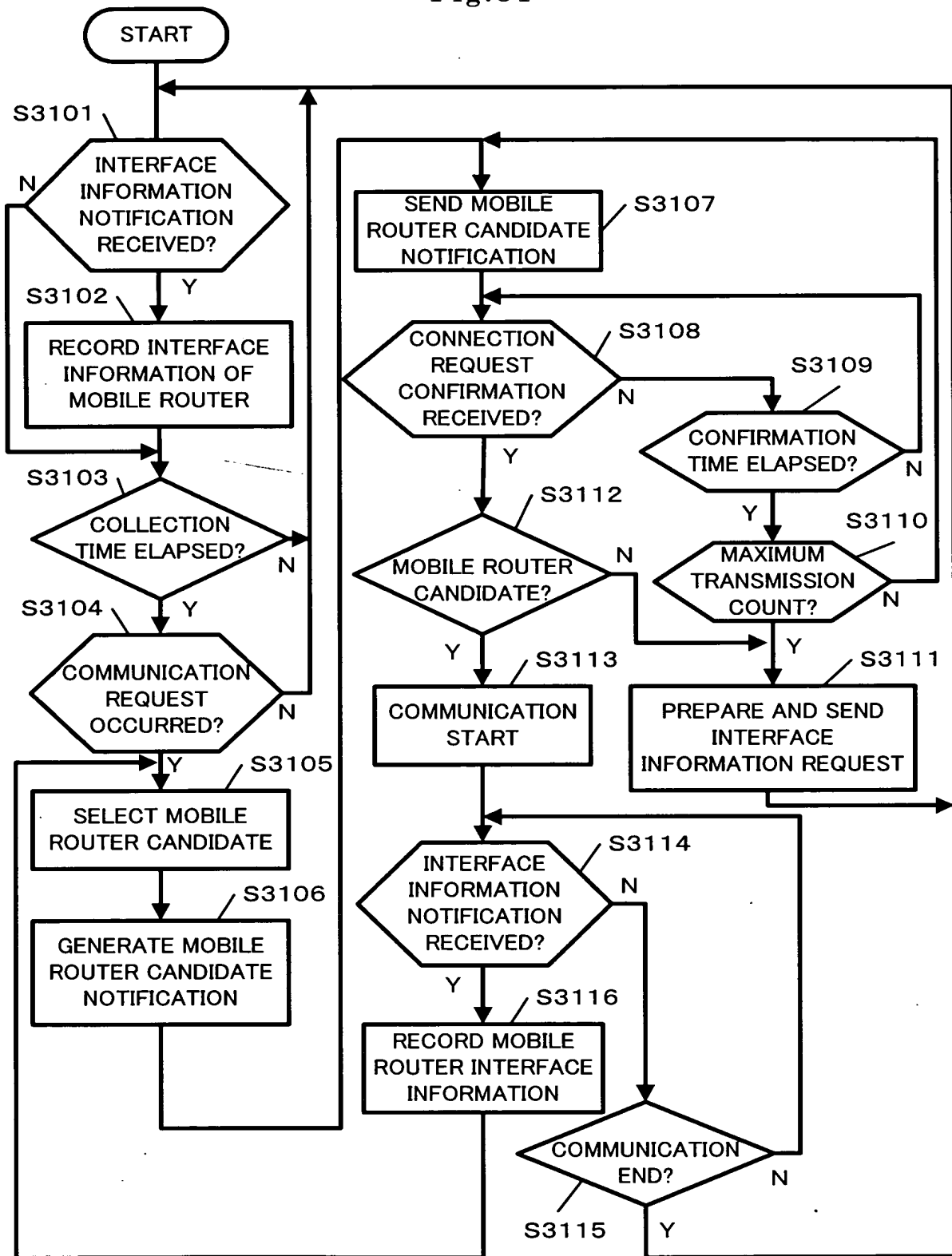


Fig.32

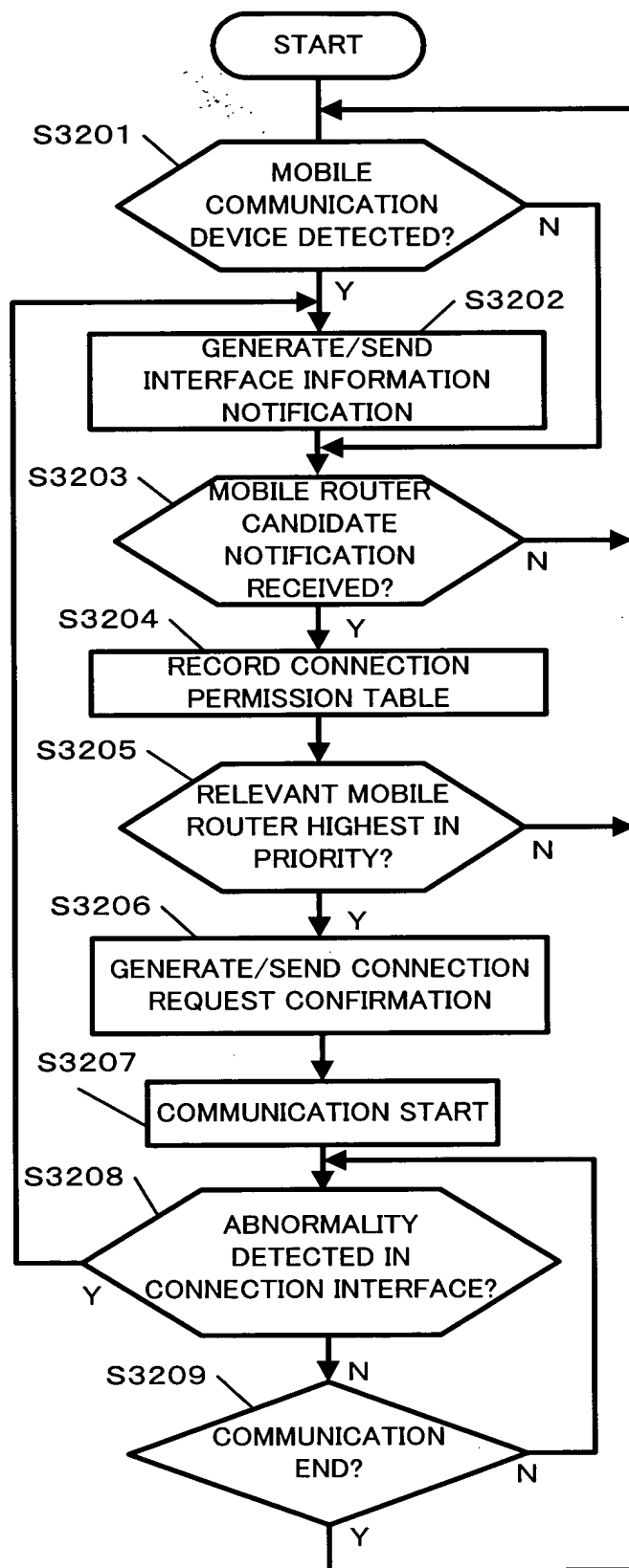


FIG.33

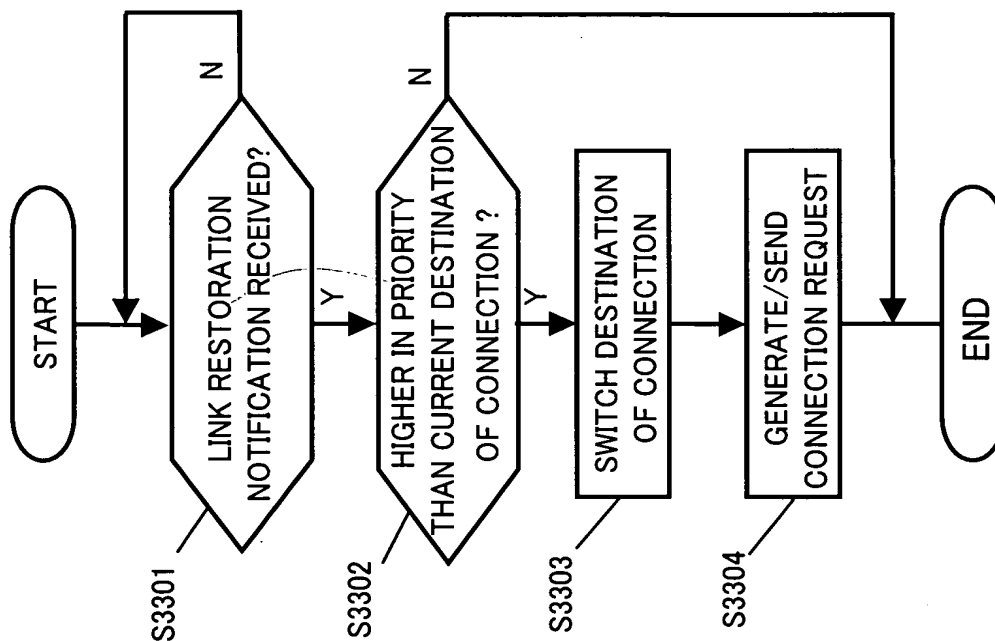


FIG.34

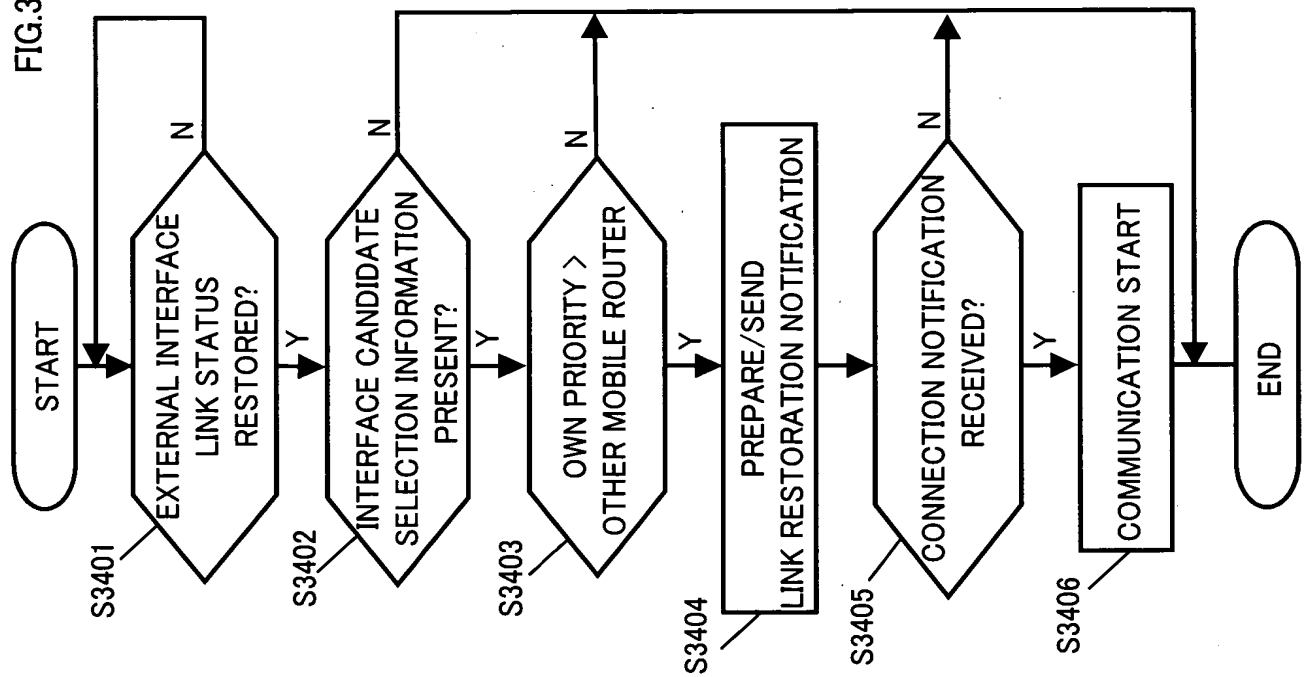


FIG.35

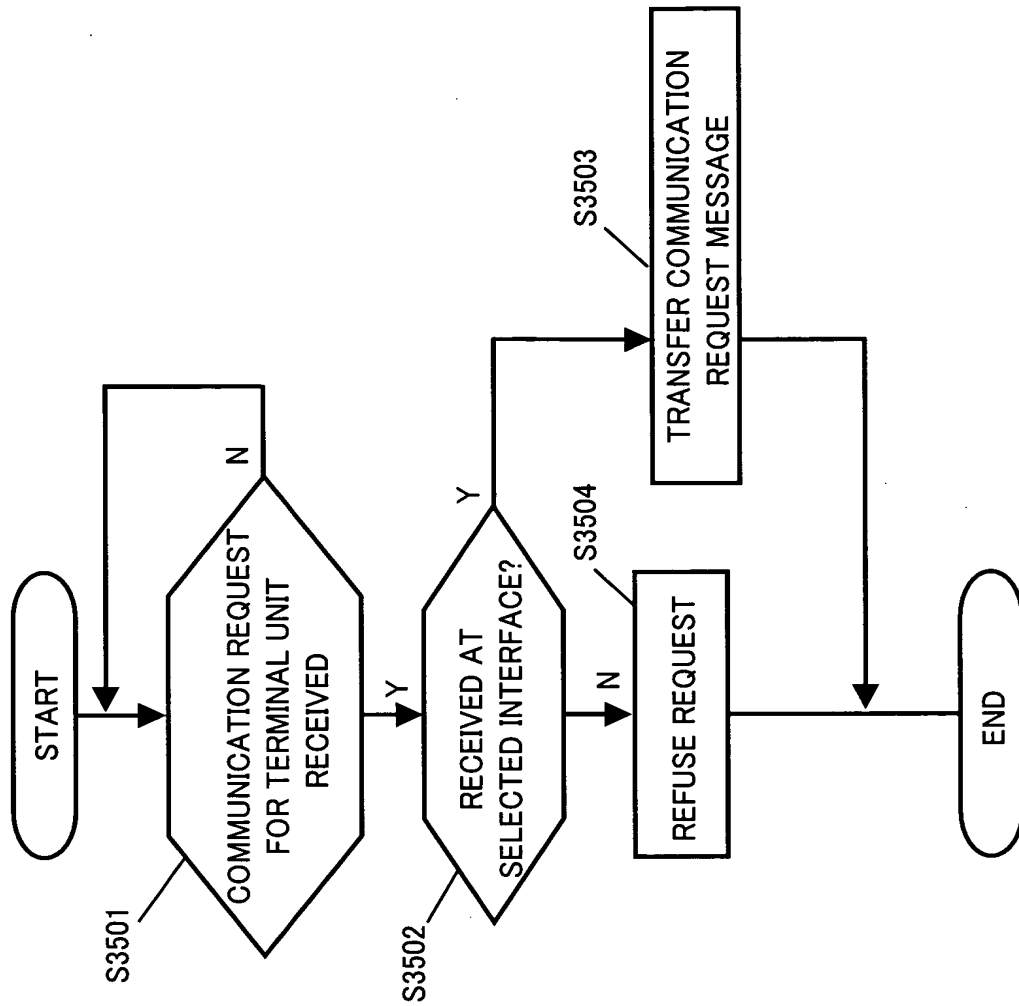


Fig.36

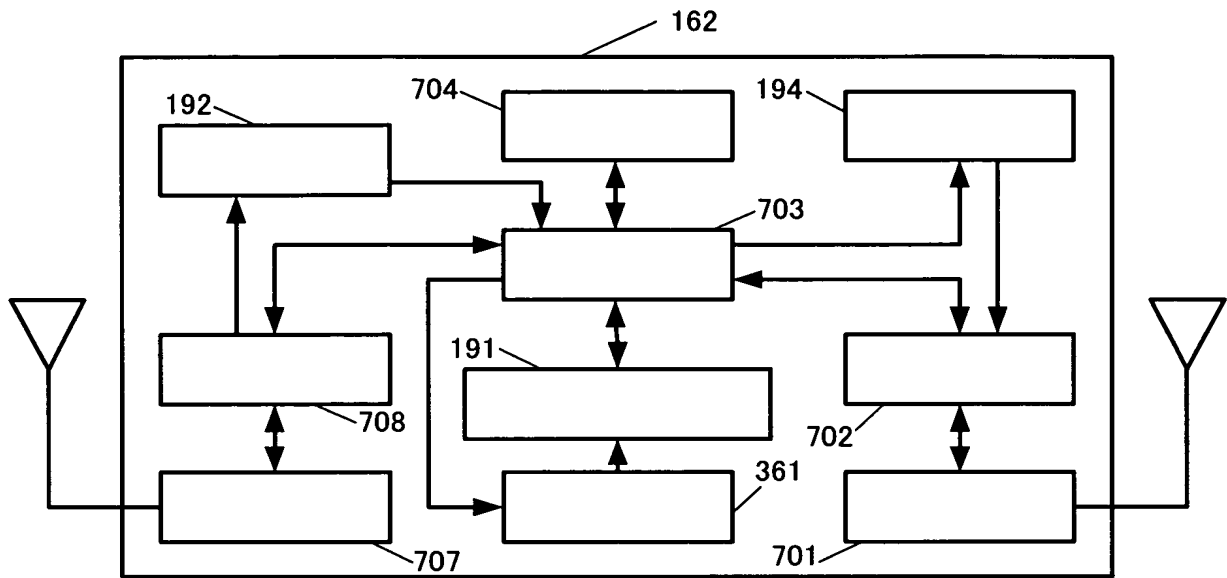


Fig.37

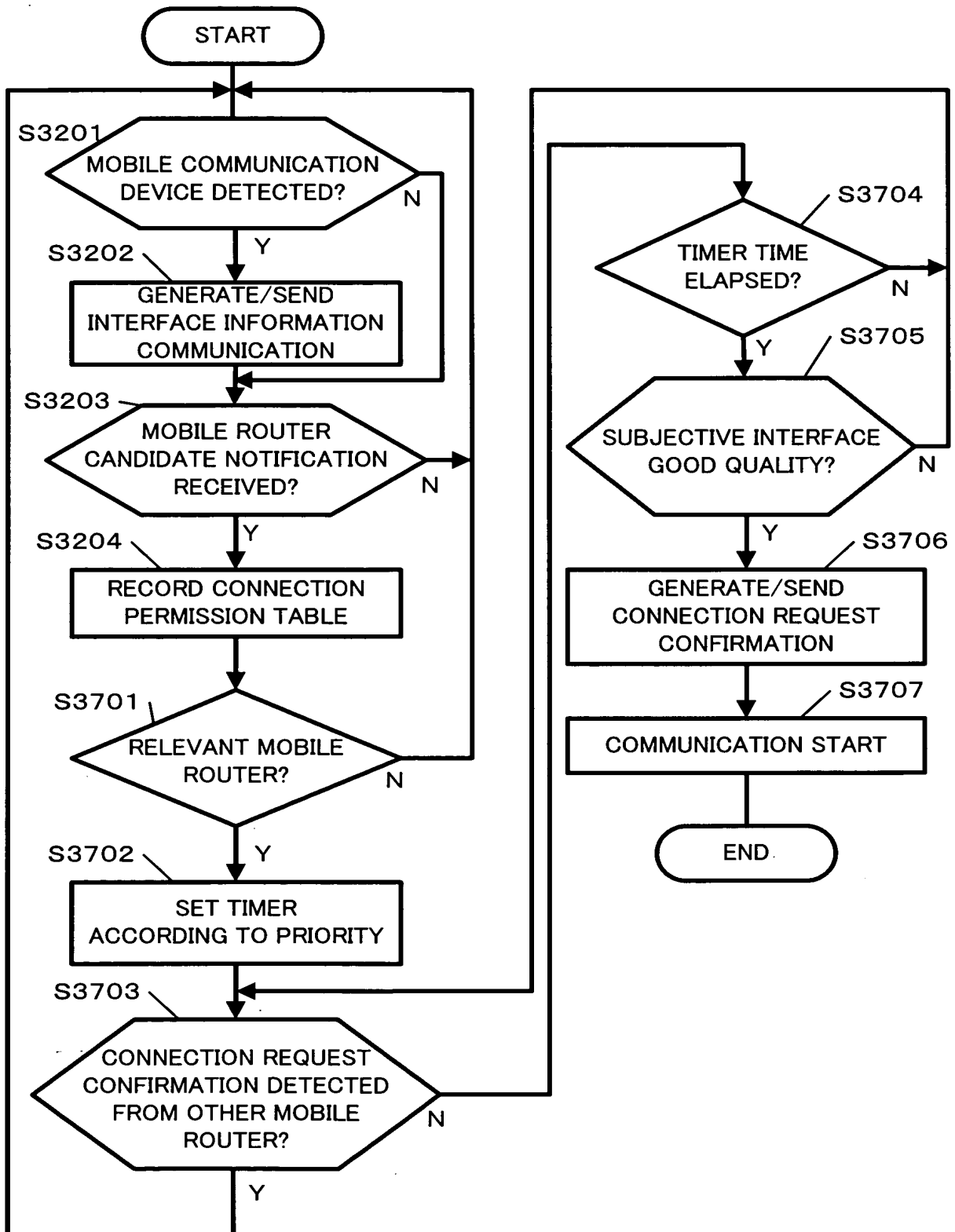


Fig.38

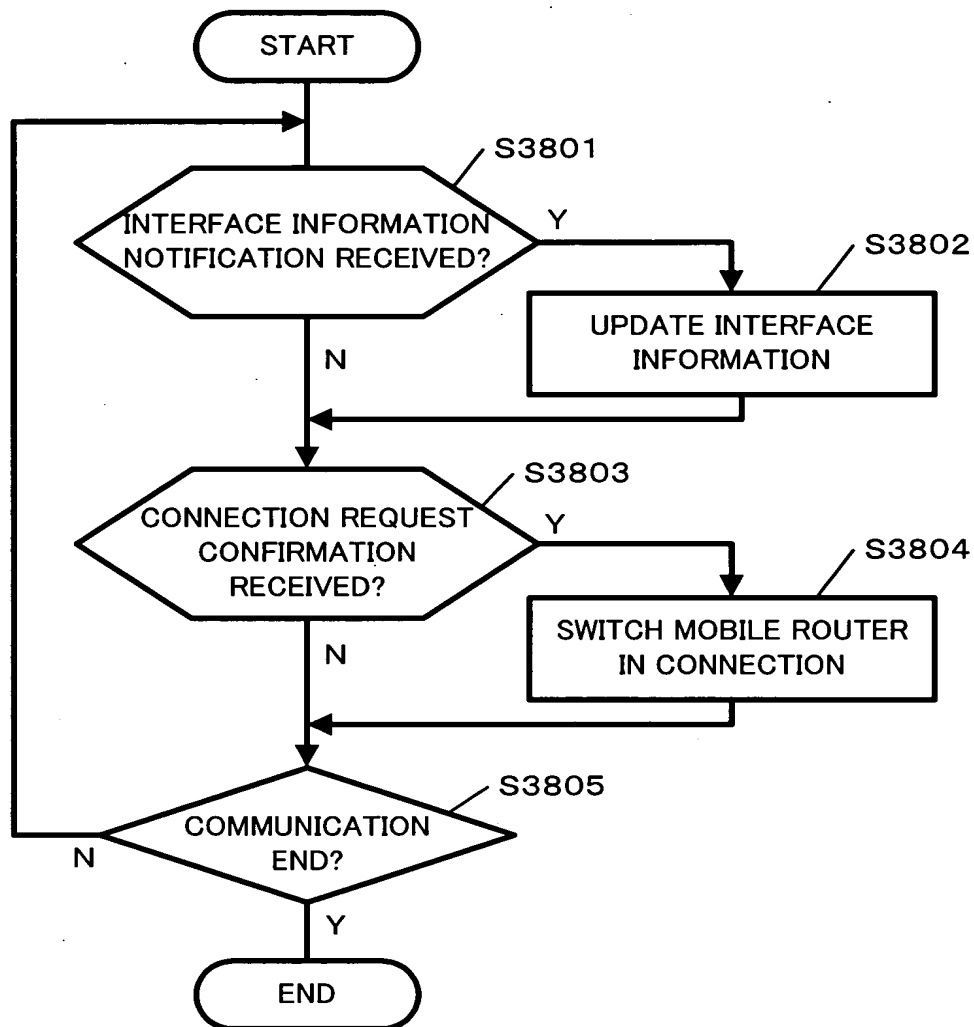


Fig.39

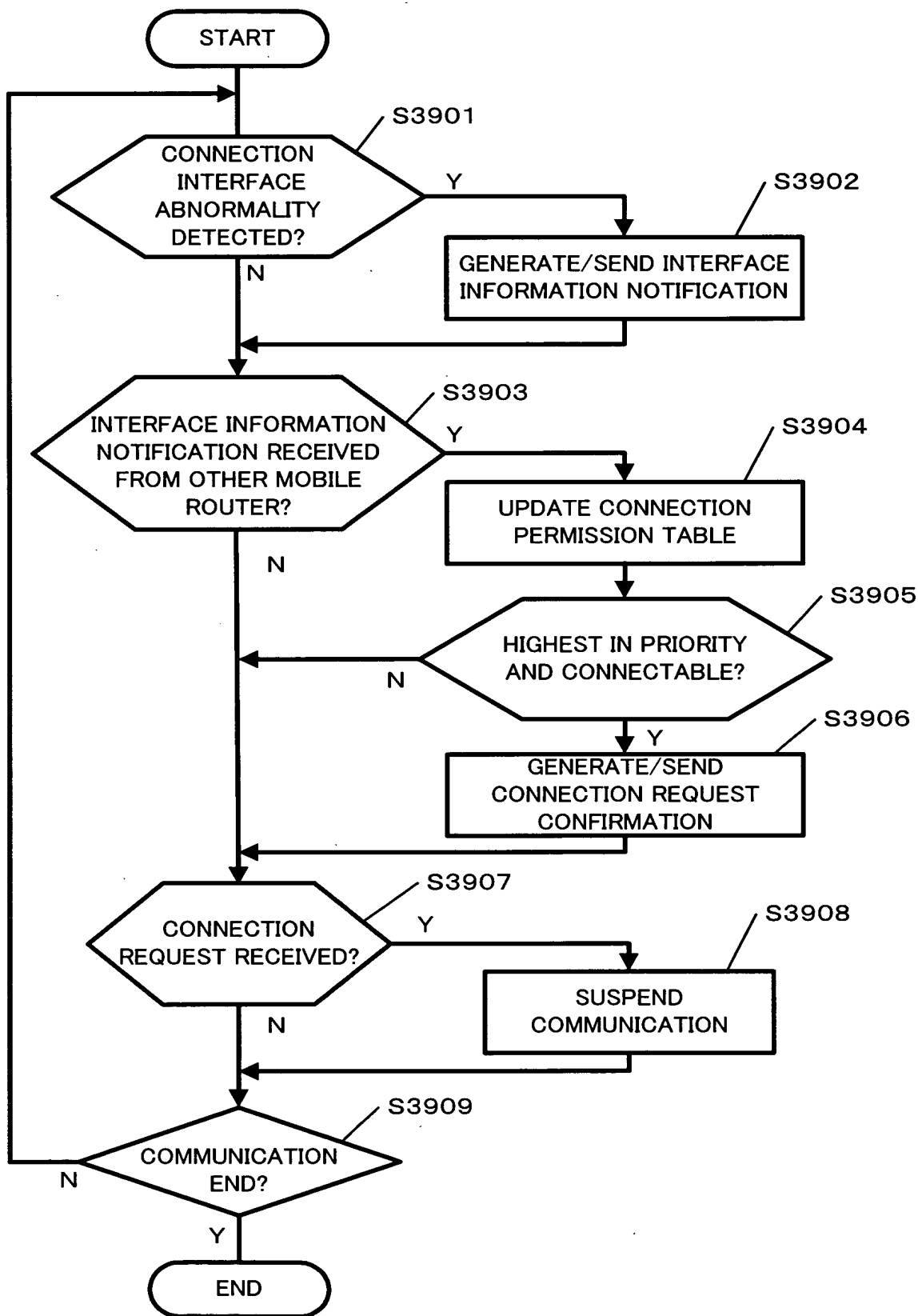


Fig.40

INTERFACE TYPE	LINK STATUS
W-CDMA	CONNECTED
IEEE802.11a	CONNECTED

FIG.41

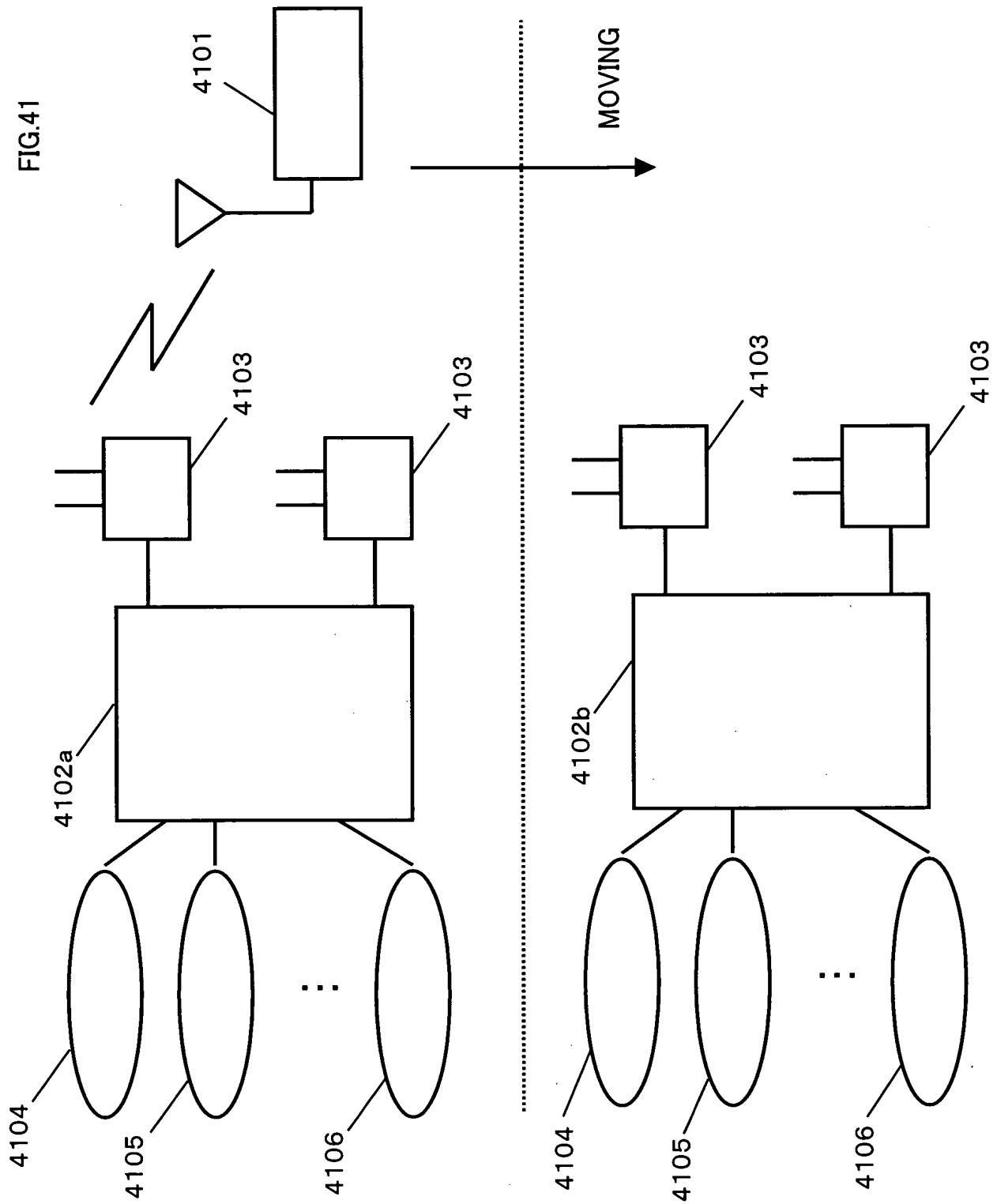
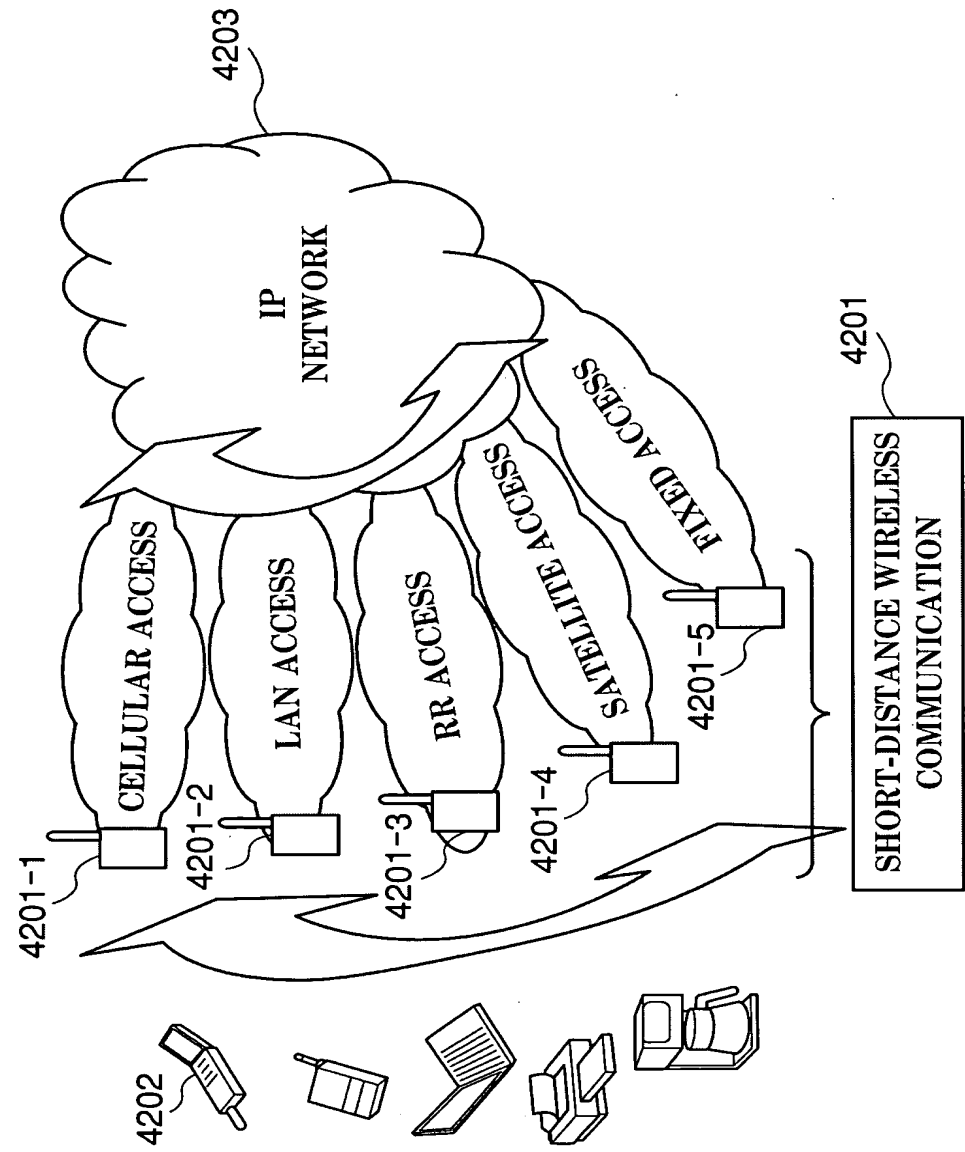


FIG.42



## LIST OF REFERENCES IN THE DRAWINGS

101, 161 MOBILE COMMUNICATION DEVICE  
102, 162 MOBILE ROUTER  
103, 163 CONNECTION UNIT  
104, 164 NETWORK  
105, 165 MOBILE COMMUNICATION SYSTEM  
201, 701 COMMON WIRELESS INTERFACE  
202, 702 COMMON DATA-LINK CONTROL SECTION  
203 NETWORK CONTROLLER  
204 HIGHER-LAYER PROCESSING SECTION  
205 SERVICE-TYPE RECORDING SECTION  
206 INTERFACE RECORDING SECTION  
207 INTERFACE DECISION SECTION  
701 COMMON WIRELESS INTERFACE  
702 COMMON DATA-LINK CONTROL SECTION  
703 NETWORK CONTROLLER  
704 HIGHER-LAYER PROCESSING SECTION  
705 INTERFACE-TYPE RECORDING SECTION  
706 CONNECTION-INTERFACE RECORDING SECTION  
707 WIRELESS INTERFACE  
708 DATA-LINK CONTROL SECTION  
709 EXTERNAL-LINK MONITOR SECTION  
111 INTERFACE-CANDIDATE SELECTION SECTION  
121 CONNECTION-INTERFACE DECISION SECTION  
171 MOBILE ROUTER SELECTION SECTION  
172 COLLECTION-TIMER MANAGING SECTION

191 CONNECTION CONTROL SECTION

192 EXTERNAL-LINK MONITOR SECTION

194 COMMUNICATION-REQUEST-ACCEPTANCE DECISION  
SECTION

361 TIMER MANAGING SECTION

4101 MOBILE COMMUNICATION DEVICE

4102 LINE CONTROL

4103 WIRELESS BASE STATION

4104 NETWORK

4201 ACCESS NETWORK TERMINAL DEVICE

4202 MOBILE COMMUNICATION DEVICE

4203 NETWORK